

Form PTO-1449

# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 447582000700

Application Number 10/772,529

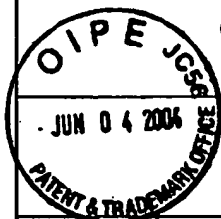
Applicant

Robert N. BLAIR

Filing Date February 4, 2004

Group Art Unit 3736

Mailing Date June 2, 2004



## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
JL	1.	09/26/2002	2002/0136435	Prokoski			
	2.	10/17/2002	2002/0151773	Berman et al.			
	3.	06/05/2003	2003/0105391	Berman et al.			
	4.	09/18/2003	2003/0176775	Berman			
	5.	10/14/1969	3,472,595	Hashizume			
	6.	09/22/1970	3,529,889	DeMey, Jr.			
	7.	09/26/1972	3,694,086	May			
	8.	04/15/1975	3,877,812	Thompson			
	9.	10/18/1977	4,054,534	Angelini			
	10.	01/31/1978	4,071,020	Pugliese			
	11.	04/24/1979	4,151,001	Anderson, Jr. et al.			
	12.	10/02/1979	4,169,676	Kaiser			
	13.	04/08/1980	4,196,845	Chesters			
	14.	07/19/1983	4,394,773	Ruell			
	15.	01/24/1984	4,427,889	Müller			
	16.	09/03/1985	4,538,618	Rosenberg et al.			
	17.	04/07/1987	4,655,225	Dähne et al.			
	18.	12/01/1987	4,710,231	Bateman et al.			
	19.	04/18/1989	4,821,733	Peck			
	20.	03/20/1990	4,909,256	Peck			
	21.	12/04/1990	4,975,581	Robinson et al.			
	22.	07/02/1991	5,028,787	Rosenthal et al.			
	23.	08/06/1991	5,036,861	Sembrowich et al.			
	24.	11/26/1991	5,068,536	Rosenthal			
	25.	02/04/1992	5,086,229	Rosenthal et al.			
JL	26.	05/19/1992	5,113,860	McQuinn			

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JL	27.	05/19/1992	5,115,133	Knudson		
	28.	01/12/1993	5,178,142	Harjunmaa et al.		
	29.	01/19/1993	5,179,951	Knudson		
	30.	02/02/1993	5,183,042	Harjunmaa et al.		
	31.	06/29/1993	5,222,496	Clarke et al.		
	32.	11/30/1993	5,267,152	Yang et al.		
	33.	05/24/1994	5,313,941	Braig et al.		
	34.	08/30/1994	5,341,805	Stavridi et al.		
	35.	09/20/1994	5,348,003	Caro		
	36.	12/06/1994	5,370,114	Wong et al.		
	37.	02/14/1995	5,390,238	Kirk et al.		
	38.	03/21/1995	5,398,681	Kupershmidt		
	39.	04/18/1995	5,407,323	Gay et al.		
	40.	04/18/1995	5,408,312	Pries et al.		
	41.	04/25/1995	5,410,471	Alyfuku et al.		
	42.	07/04/1995	5,429,128	Cadell et al.		
	43.	07/18/1995	5,433,197	Stark		
	44.	09/26/1995	5,452,716	Clift		
	45.	11/14/1995	5,467,403	Fishbine et al.		
	46.	11/28/1995	5,470,323	Smith et al.		
	47.	05/07/1996	5,515,163	Kupershmidt et al.		
	48.	08/20/1996	5,548,404	Kupershmidt et al.		
	49.	09/10/1996	5,553,613	Parker		
	50.	12/10/1996	5,582,184	Erickson et al.		
	51.	06/17/1997	5,638,815	Schoendorfer		
	52.	08/12/1997	5,655,530	Messerschmidt		
↓	53.	10/28/1997	5,682,233	Brinda		
	54.	12/02/1997	5,692,503	Kuenstner		
JL	55.	03/03/1998	5,722,397	Eppstein		

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JL	56.	05/19/1998	5,754,289	Ozaki et al.			
	57.	06/16/1998	5,765,717	Gottselig			
	58.	07/28/1998	5,786,892	Amner et al.			
	59.	09/29/1998	5,815,598	Hara et al.			
	60.	10/06/1998	5,817,605	Papay			
	61.	10/13/1998	5,820,570	Erickson et al.			
	62.	11/03/1998	5,830,137	Scharf			
	63.	03/09/1999	5,879,310	Sopp et al.			
	64.	03/09/1999	5,879,367	Latterell et al.			
	65.	04/06/1999	5,890,489	Elden			
	66.	05/04/1999	5,900,632	Sterling et al.			
	67.	08/10/1999	5,935,062	Messerschmidt et al.			
	68.	08/24/1999	5,941,821	Chou			
	69.	10/05/1999	5,962,441	Blank			
	70.	10/26/1999	5,974,337	Kaffka et al.			
	71.	12/14/1999	6,001,067	Shults et al.			
	72.	02/15/2000	6,026,314	Amerov et al.			
	73.	05/16/2000	6,064,898	Aldrich			
	74.	05/30/2000	6,068,820	De Guzman			
	75.	07/11/2000	6,087,182	Jeng et al.			
	76.	08/29/2000	6,111,977	Scott et al.			
	77.	10/03/2000	6,128,091	Uchida et al.			
	78.	11/21/2000	6,149,588	Noda et al.			
	79.	11/28/2000	6,152,875	Hakamata			
	80.	11/28/2000	6,152,876	Robinson et al.			
	81.	12/19/2000	6,162,211	Tankovich et al.			
	82.	01/09/2001	6,172,743	Kley et al.			
	83.	02/13/2001	6,188,477	Pu et al.			
JL	84.	03/20/2001	6,205,272	O'Rourke et al.			

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JL	85.	05/29/2001	6,240,306	Rohrscheib et al.			
	86.	07/31/2001	6,267,975	Smith, III et al.			
	87.	08/28/2001	6,281,407	Warner et al.			
	88.	11/27/2001	6,322,801	Lorenzi et al.			
	89.	03/26/2002	6,362,144	Berman et al.			
	90.	07/16/2002	6,421,548	Berman et al.			
	91.	07/23/2002	6,424,848	Berman et al.			
	92.	07/23/2002	6,424,849	Berman et al.			
	93.	07/23/2002	6,424,851	Berman et al.			
	94.	08/06/2002	6,428,799	Cen et al.			
	95.	08/06/2002	6,430,424	Berman et al.			
	96.	08/06/2002	6,430,429	Van Vaals			
	97.	08/27/2002	6,440,437	Krzysik et al.			
	98.	09/03/2002	6,445,938	Berman et al.			
	99.	09/24/2002	6,454,755	Godshall			
	100.	12/10/2002	6,492,307	Matsuo et al.			
	101.	12/31/2002	6,501,284	Gozzini			
	102.	01/07/2003	6,503,198	Aronowitz et al.			
	103.	01/28/2003	6,512,381	Kramer			
JL	104.	02/18/2003	6,522,903	Berman et al.			

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO	
JL	105.	08/23/1989	EP 0 329 361	Europe				
	106.	02/28/1990	EP 0 355 368	Europe				
	107.	06/21/1990	EP 0 404 562	Europe				
JL	108.	08/13/2003	EP 1 335 199	Europe				

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JL	109.	07/25/1995	JP 7-184883	Japan			Abstract	
	110.	06/15/1999	JP 11-155844	Japan			Abstract	
	111.	07/13/1979	CH 612,271	Switzerland			Abstract	
	112.	06/27/1996	WO 96/19180	WIPO				
	113.	08/14/1997	WO 97/29368	WIPO				
	114.	04/20/2000	WO 00/21437	WIPO				
	115.	09/28/2000	WO 00/57177	WIPO				
	116.	10/25/2001	WO 01/79818	WIPO				
JL	117.	04/25/2002	WO 02/32303	WIPO				

## OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
JL	118.	Bhandare, P. et al. (1993). "Multivariate Determination of Glucose in Whole Blood Using Partial Least-Squares and Artificial Neural Networks Based on Mid-Infrared Spectroscopy," <i>Appl. Spectr.</i> 47(8):1214-1221.
	119.	Ginsberg, B.H. (1992). "An overview of minimally invasive technologies," <i>Clin Chem.</i> 38(9):1596-1600.
	120.	Heise, H.M. et al. (1989). "Multivariate Determination of Glucose in Whole Blood by Attenuated Total Reflection Infrared Spectroscopy," <i>Anal Chem.</i> 61:2009-2015.
	121.	Heise, H.M. et al. (1998). "Clinical Chemistry and Near Infrared Spectroscopy: Technology for Non-Invasive Glucose Monitoring," <i>J. Near Infrared Spectrosc.</i> 6:349-359.
	122.	Isojima, K. et al. (2000). "Application of Infrared Attenuated Total Reflection Microspectroscopy to Diagnosis of Arteriosclerosis and Diabetes" <i>Proceedings of the Symposium on Electrical and Electronic Insulating Materials and Applications in Systems</i> , 32:293-296 and English translation.
	123.	Kajiware, K. et al. (1992). "Spectroscopic Quantitative Analysis of Blood Glucose by Fourier Transform Infrared Spectroscopy with an Attenuated Total Reflection Prism," <i>Med. Prog. through Tech.</i> 18:181-189.
	124.	Kanazawa, M. (1997). "Determination of Blood Glucose Level with Infrared Spectroscopy" <i>Nihon Bunko Gakkai Igaku Seibutsugaku Kenkyu Bukai Shinpojiumu Tekisuto</i> , 1997:26-30 with English translation.
	125.	Klonoff, D.C. (1997). "Noninvasive Blood Glucose Monitoring," <i>Diabetes Care</i> 20(3):433-437.
JL	126.	Kruse-Jarres J.D. et al. (1990). "Glucose and Other Constituents of Blood Determined by ATR-FTIR-Spectroscopy," <i>Clin. Chem.</i> 36(2):401-402.

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JL	127.	Mak, V.H. et al. (1990). "Percutaneous Penetration Enhancement <i>In Vivo</i> Measured by Attenuated Total Reflectance Infrared Spectroscopy," <i>Pharm. Res.</i> 7(8):835-841.
	128.	McNichols, R.J. et al. (2000). "Optical Glucose Sensing in Biological Fluids: An Overview," <i>J. Biomed. Optics</i> 5(1):5-16.
	129.	Mendelson, Y. et al. (1990). "Blood Glucose Measurement by Multiple Attenuated Total Reflection and Infrared Absorption Spectroscopy," <i>IEEE Trans. Biomed. Engin.</i> 37(5):458-465.
	130.	Potts, R.O. et al. (1985). "A Noninvasive, In Vivo Technique to Quantitatively Measure Water Concentration of the Stratum Corneum Using Attenuated Total-Reflectance Infrared Spectroscopy," <i>Arch. Dermatol. Res.</i> 277(6):489-495.
	131.	Rao, G. et al. (1993). "Reverse Iontophoresis: Development of a Noninvasive Approach for Glucose Monitoring," <i>Pharm Res.</i> 10(12):1751-1755.
	132.	Space Telescope Science Institute (2003). "NICMOS Instrument Handbook for Cycle 11: Detector Basics," located at < <a href="http://www.stsci.edu/hst/nicmos/documents/handbooks/v5/c06_detectors2.html">http://www.stsci.edu/hst/nicmos/documents/handbooks/v5/c06_detectors2.html</a> > last visited on June 27, 2003, three pages.
	133.	Stevens, A. et al. (1992). <i>Histology</i> Gower Medical Publishing: New York. p. 349
	134.	Tucker, M.E. (2000). "FDA Advisory Panel Backs Wrist Glucose Monitor," <i>Intern. Med. News</i> 33(2):9.
	135.	XenICs (2001). Microbolometer detector product description located at < <a href="http://www.xenics.com/Print/Products/lwir.asp">http://www.xenics.com/Print/Products/lwir.asp</a> > last visited June 27, 2003, one page.
	136.	XenICs (2001). MWIR: InAsSb Detectors product description located at < <a href="http://www.xenics.com/Print/Products/mwir.asp">http://www.xenics.com/Print/Products/mwir.asp</a> > last visited June 27, 2003, one page.
↓	137.	XenICs (2001). Product descriptions located at < <a href="http://www.xenics.com/Print/Products/nir.asp">http://www.xenics.com/Print/Products/nir.asp</a> > last visited June 27, 2003, two pages.
JL	138.	Zeller, H. et al. (1989). "Blood Glucose Measurement by Infrared Spectroscopy," <i>The International Journal of Artificial Organs</i> 12(2):129-135.

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